

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the Application are reproduced below regardless of whether or not an amendment has been made.

1. (Currently Amended) A system for transforming custom content generation tags, comprising:

a web server operable to receive a request from a web browser, the request identifying a file comprising one or more standard content generation tags and one or more custom content generation tags, both of which ~~that~~ the web browser is unable to interpret, ~~and the web server operable to communicate the custom content generation tags;~~

a web page processing engine operable to receive the standard content generation tags and the custom content generation tags and to transform the standard content generation tags into first output that the web browser is able to interpret, the web page processing engine unable to interpret the custom content generation tags;

the web page processing engine further operable to communicate the first output and the custom content generation tags to the web server;

a transformation engine operable to receive the custom content generation tags, transform the custom content generation tags into first-second output that the web browser is able to interpret, and communicate the first-second output to the web server, ~~the transformation engine unable to interpret the custom content generation tags; and~~

the web server further operable to receive the first-second output and to communicate the first and second output to the web browser in response to the request.

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) The system of Claim 31, wherein:
the web server is operable to communicate the ~~second~~first output to the transformation engine with the ~~unprocessed~~-custom content generation tags; and
the transformation engine is operable to communicate the ~~second~~first output back to the web server with the ~~first~~second output.

5. (Currently Amended) The system of Claim 31, wherein:
the requested file comprises a JAVASERVER PAGE (JSP) file;
the standard content generation tags comprise JSP standard tags;
the custom content generation tags comprise JSP custom tags; and
the web page processing engine comprises a JSP engine unable to process the JSP custom tags.

6. (Currently Amended) The system of Claim 31, wherein the first and second output comprises code selected from the group consisting of HyperText Markup Language (HTML) code, Extensible Markup Language (XML) code, and Wireless Markup Language (WML) code.

7. (Currently Amended) The system of Claim 31, wherein:
the web page processing engine is operable to attach a header to the ~~unprocessed~~ custom content generation tags, the header indicating the presence of the ~~unprocessed~~-custom content generation tags; and
the web server is operable to communicate the ~~unprocessed~~-custom content generation tags to the transformation engine in response to the header.

8. (Original) The system of Claim 1, wherein the transformation engine comprises an Extensible Stylesheet Language Transformation (XSLT) engine, the XSLT engine operable to transform the custom content generation tags using an Extensible Stylesheet Language (XSL) stylesheet.

9. (Original) The system of Claim 8, wherein the XSL stylesheet comprises one or more templates corresponding to each custom content generation tag, the templates comprising HTML code to replace the corresponding custom content generation tag.

10. (Original) The system of Claim 9, wherein one or more of the templates comprise code operable to generate HTML code to replace the corresponding custom content generation tag.

11. (Currently Amended) A method for transforming custom content generation tags, comprising:

receiving a request from a web browser for a file comprising one or more standard content generation tags and one or more custom content generation tags, both of which that the web browser is unable to interpret;

processing the file using a web page processing engine to transform the standard content generation tags into first output that the web browser is able to interpret, the web page processing engine unable to interpret the custom content generation tags;

transforming the custom content generation tags using a transformation engine into first-second output that the web browser is able to interpret, ~~the transformation engine unable to interpret the custom content generation tags;~~ and

communicating the first and second output to the web browser in response to the request.

12. (Cancelled)

13. (Cancelled)

14. (Currently Amended) The method of Claim ~~13~~11, further comprising communicating the ~~second-first~~ output to the transformation engine with the ~~unprocessed~~ custom content generation tags, the ~~second-first~~ output being unaffected by the transformation engine.

15. (Currently Amended) The method of Claim ~~13~~11, wherein:
the requested file comprises a JAVASERVER PAGE (JSP) file;
the standard content generation tags comprise JSP standard tags;
the custom content generation tags comprise JSP custom tags; and
the web page processing engine comprises a JSP engine unable to process the JSP custom tags.

16. (Currently Amended) The method of Claim ~~13~~11, wherein the first and second output comprises code selected from the group consisting of HyperText Markup Language (HTML) code, Extensible Markup Language (XML) code, and Wireless Markup Language (WML) code.

17. (Currently Amended) The method of Claim ~~13~~11, wherein:
the method further comprises attaching a header to the ~~unprocessed~~ custom content generation tags, the header indicating the presence of ~~unprocessed~~ custom content generation tags; and

the ~~unprocessed~~ custom content generation tags are communicated to the transformation engine in response to the header.

18. (Original) The method of Claim 11, wherein the transformation engine comprises an Extensible Stylesheet Language Transformation (XSLT) engine, the XSLT engine operable to transform the custom content generation tags using an Extensible Stylesheet Language (XSL) stylesheet.

19. (Original) The method of Claim 18, wherein the XSL stylesheet comprises one or more templates corresponding to each custom content generation tag, the templates comprising HTML code to replace the corresponding custom content generation tag.

20. (Original) The method of Claim 19, wherein one or more of the templates comprise code operable to generate HTML code to replace the corresponding custom content generation tag.

21. (Currently Amended) Custom tag transformation software embodied in a computer-readable medium and operable to:

receive a request from a web browser for a file comprising one or more standard content generation tags and one or more custom content generation tags, both of which that the web browser is unable to interpret;

process the file using a web page processing engine to transform the standard content generation tags into first output that the web browser is able to interpret, the web page processing engine unable to interpret the custom content generation tags;

transform the custom content generation tags into ~~first~~ second output that the web browser is able to interpret; and

communicate the first and second output to the web browser in response to the request.

22. (Cancelled)

23. (Cancelled)

24. (Currently Amended) The software of Claim ~~23~~21, wherein:
the requested file comprises a JAVASERVER PAGES (JSP) file;
the standard content generation tags comprise JSP standard tags; ~~and~~
the custom content generation tags comprise JSP custom tags; and
the web page processing engine comprises a JSP engine unable to process the JSP custom tags.

25. (Currently Amended) The software of Claim ~~23~~21, wherein the first and second output comprises code selected from the group consisting of HyperText Markup Language (HTML) code, Extensible Markup Language (XML) code, and Wireless Markup Language (WML) code.

26. (Original) The software of Claim 21, further operable to transform the custom content generation tags using an Extensible Stylesheet Language (XSL) stylesheet.

27. (Original) The software of Claim 26, wherein the XSL stylesheet comprises one or more templates corresponding to each custom content generation tag, the templates comprising HTML code to replace the corresponding custom content generation tag.

28. (Original) The software of Claim 27, wherein one or more of the templates comprise code operable to generate HTML code to replace the corresponding custom content generation tag.

29. (Currently Amended) A system for transforming custom content generation tags, comprising:

means for receiving a request from a web browser for a file comprising one or more standard content generation tags and one or more custom content generation tags, both of which ~~that~~ the web browser is unable to interpret;

means for processing the file by transforming the standard content generation tags into first output that the web browser is able to interpret, the means for processing unable to interpret the custom content generation tags;

means for transforming the custom content generation tags into ~~first~~ second output that the web browser is able to interpret; and

means for communicating the first and second output to the web browser in response to the request.

30. (Cancelled)